

ABSTRACT OF THE DISCLOSURE

Signals sent from a sender by a code division multiple access communication system are input respectively into first to Mth delay units which are disposed parallel to one another. The correlation is examined in each correlator, and the results of a predetermined number of times of correlation are averaged in each averaging section. Based on this, path detection is carried out in each path detector. The results of path detection are input into a correlator control unit which performs control in such a manner that the number of times of averaging in an averaging section is smaller for a higher correlation value. This is because, even when the number of times of averaging is smaller for higher S/N (signal-to-noise ratio), data reliability can be ensured and, at the same time, quicker processing can be realized. This leads to efficient processing in a finger section. Thus, by virtue of the above constitution, a communication apparatus can be realized which can effectively perform path detection according to various conditions of received signals by a code division multiple access communication system.